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Institute of Geophysics & Planetary Physics

Lawrence Livermore National Laboratory — University of California

Goal

The Livermore branch of the Institute of Geophysics and Planetary Physics (IGPP) fosters collaboration between researchers from UC campuses and other academic institutions and the Lawrence Livermore National Laboratory (LLNL) by making available some of the Laboratory's unique facilities and expertise in areas such as large-scale computing, astrophysical databases, unique experimental facilities, digital seismographic networks, and geochemical laboratories.

Research Focus

The IGPP at LLNL currently emphasizes research in two broad areas—astrophysics and the geosciences. Previous astrophysics projects have included research in stellar evolution, hydrodynamics, radiation transport theory, dark matter, adaptive optics, high redshift structure formation, and primitive solar system bodies. Projects represented in the geosciences have included seismology, geochemistry, geophysics, cosmochemistry, and dynamic and static experimental measurements on planetary materials in the range 0.001–1 Mbar.

The IGPP-LLNL supports selected research projects in the above areas involving vigorous collaboration between campus and Livermore researchers. We strongly encourage campus and LLNL PIs to co-author IGPP-LLNL proposals for submission.

Proposal Basics

Individuals submitting a proposal should read and closely follow the "Guidelines for Proposals." Scientific text should be brief (*four pages or less*). The proposal should contain an abstract, references, brief biographical data of the involved researchers, and a budget page. Priority will be given to proposals that are particularly suited for collaboration between campus and Livermore scientists, that take specific advantage of LLNL's facilities or expertise, and those in which the campus has recognized competency.

Funding

Funding support is jointly provided by the Regents of the University of California and the Lawrence Livermore National Laboratory. Typical award size is \$5,000–\$30,000.

Review Process

Proposals are subject to peer review. Project selection is based upon mail review and ranking by an expert panel appropriate to each field.

Direct Questions to:

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